

Nguyen Minh Dan

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EDUCATION

Hanoi University Science and Technology, Hanoi, Vietnam

2016 – 2021

Software Engineer

GPA: 3.0/4.0 | Thesis grade: 9.5/10

Shibaura Institute of Technology – Offline Summer Program

August 2019

2019 Global Project Based Learning Program

TECHNICAL SKILLS

Languages: Golang, Python, SQL, JavaScript, Swift

Frameworks: Go-Chi, Gin, Django, FastAPI, ReactJS

Tools: Git, Docker, AWS, K8S

Data Technologies: PostgresDB, Citus Data, MongoDB, ElasticSearch, Kafka, Redis

PROFESSIONAL EXPERIENCE

VINGROUP BIG DATA INSTITUTE - VBDI

Hanoi, Vietnam

Software Engineer - Vivi Platform Team

Oct 2023 – Now

- Built Vinfast VA Global from scratch using FastAPI and MongoDB, incorporating ASR, TTS, Dialog, and Mobile Client
- Maintained and refactored a content platform (news, stocks, weather, etc..) for all Vinfast cars in Vietnam, handling 70k requests per day with a P90 response time of 300ms, reduced source code by 30% and created comprehensive documentation for all domains.
- Built movie and weather tools in VIVI-LLM for new car models like VF8 Lux, VF9

NIKA INVESTMENT AND TECHNOLOGY

Hanoi, Vietnam

Technical Leader - CoFounder

Jan 2022 – July 2023

- Led a team of 7 members in the management, development web-app product. Designed, implemented, operating system from scratch using PostgresDB, Golang, Kafka, Refis, Nginx, ReactJS. Handling 1k requests per day.

AFTERFIT ENGINEERING K.K

(Remote with Tokyo)

Intern, Software Developer

2019 - Jan 2022

- Collected and processed data received from IOT devices on AWS cloud database using Python, Selenium. Build API for data team and make predict tools(random forest, decision tree) that support operations team.

HANOI UNIVERSITY SCIENCE AND TECHNOLOGY

Hanoi, Vietnam

Student Research

2020 – May 2021

- Conducted research and built a recommendation system using machine learning for real problems on online movie website, with two implementations: content-based and collaborative filtering

SIDE PROJECTS

- Go-Base-Service:** A Go-Chi project that allows developers to quickly set up projects for exporting REST APIs. It supports connecting to databases, caches, Kafka, S3, Elasticsearch, and provides basic authentication with JWT. It has received **90+ stars** on GitHub in 9 months.
- Python-Base-Service:** A FastAPI project that allows developers to quickly set up projects for exporting REST APIs. It supports connecting to databases, caches, Kafka, S3, Elasticsearch, and provides basic authentication with JWT

LANGUAGE SKILLS

- Japanese JLPT N3 - 2018
- Toeic 900 - 2024

AWARDS & CERTIFICATE

- TOP 4 COIN98 HACKATHON** 1/2022
Online blockchain hackathon by COIN98
- Best Presentation - Hanoi University Science and Technology** 7/2021
by Graduate council of the department of Information System
- Talented Student Scholarship** 6/2019
by Funix & Kalapa
- Talented Student Scholarship** 2018-2020
by SUN Inc*
- Full Scholarship from Moscow Institute of Physics and Technology** 6/2017

OTHERS

- Technical writer at [Design System VN](#) with over 200 share and 400+ like